**Mining of gold**

5133. DR. SHRIKANT RAMACHANDRA JICHKAR : Will the Minister of MINES be pleased to state :

(a) the quantity of gold which was mined out in our country during the lsat three years, annually;

(b) what was its value;

(c) what is the cost of production of one unit of mined gold; and

(d) what is the target for the current year ?

THE MINISTER OF STATE OF THE MINISTRY OF MINES (SHRI BALRAM SINGH YADAV) : (a) and (b) The quantity of primary gold produced through mining and as a by-product during the past 3 years and its value are as under :—

Quantity (Qty.) in Kgs.
Value in Rs./(Crores)

| | 1991-92 | | 1992-93 | | 1993-94 | |
|---|---|---|---|---|---|---|
| | Qty. | Value | Qty. | Value | Qty. (Provisional) | Value |
| Through Gold mining | 1752 | 79.29 | 1547 | 66.31 | 1639 | 73.79 |
| As a by-product | 284 | 12.01 | 291 | 11.54 | 437 | 18.50 |
| TOTAL | 2036 | 91.30 | 1838 | 77.85 | 2076 | 92.29 |

(c) The cost of producton of 1 gram of gold produced by Bharat Gold Mines Ltd. (BGML) and Hutti Gold Mines Co. Ltd. (HGML) during the past 3 years is as under :

(in Rupees)

| | 1991-92 | 1992-93 | 1993-94 |
|---|---|---|---|
| B.G.M.L. | 762.9 | 858.1 | 953.3 |
| H.G.M.L. | 288.7 | 425.1 | 397.4 |

(d) BGML & HGML have respectively targetted production of 864 Kgs. and 1100 Kgs. of gold in 1994-95. Hindustan Copper Ltd. has targetted production of 300 Kgs. of by-product gold during the same period.

**Production of silver**

5134. DR. SHRIKANT RAMCHANDRA JICHKAR : Will the Minister of MINES be pleased to state :

(a) the quantity of silver which was mined out or produced in our country during the last 3 years;

(b) what is its value;

(c) what is the cost of production of one unit of mined silver; and

(d) what is the target for silver production in the country for the current year?

THE MINISTER OF STATE OF THE MINISTRY OF MINES (SHRI BALRAM SINGH YADAV) : (a) and (b) Silver is produced in the country only as a by-product. The total quantity of silver so produced during the past 3 years and its value is as under :—

Quantity in Kgs.
Value in Rs.(Crores)

| Year | Quantity | Value |
|---|---|---|
| 1991-92 | 35,742 | 25.68 |
| 1992-93 | 46,532 | 25.85 |
| 1993-94 (Provisional) | 56,098 | 35.63 |

(c) Cost of production per Kilogram of silver in Hindustan Copper Ltd. was Rs. 7411, Rs. 7968 & Rs. 8404 respectively in 1990-91, 1991-92 & 1992-93. The other producers namely Hindustan Zinc Ltd., Hutti Gold Mines Co. Ltd. and Bharat Gold Mines Ltd. do not compute the cost of production of silver as it is a by-product, The value of production mentioned against reply at (a) & (b) is based on realisation on silver sales.

(d) The production target of silver in 1994-95 is 70 tonnes.

**Minerals mined in the country**

5135. DR. SHRIKANT RAMCHANDRA JICHKAR : Will the Minister of MINES be pleased to state :

(a) what are the names of the minerals which are mined in our country ;

(b) what is their State-wise classification thereof ;

(c) the names of the minerals out of these which are scarce ; and

(d) the names of the minerals which have exportable capability ?

THE MINISTER OF STATE OF THE MINISTRY OF MINES (SHRI BALRAM SINGH YADAV) : (a) and (b) Position is given in the statement attached. (*see* below).

(c) India is scarce in tin, gold tungsten which are Metallic Minerals and diamond, emerald, diaspore, diatomite and alusite which are non metallic minerals.

(d) Like other commodities export of any minerals are depends on the prevailing price in the domestic and international market.

STATEMENT

*Details of Minerals Mined in our country and their state-wise classification*

*Names of Minerals Mined in India are* :—

Coal, Lignite, Natural gas, Petroleum, Bauxite, Chromite , Copper Ore, Gold, Iron Ore Lead Conc., Manganese Ore, Tin, Tungsten, Zinc Conc. Agate, Apatite, Andalusite, Asbestos, Bal Clay, Barytes, Calcareous Sand, Calcite, Chalk, Clay (others). Corundum, Diamond, Diaspore, Dolomite, Emerald, Felsite, Felspar, Fireclay, Fulorite, Fusch, Quartzite, Garnet (Abrasive) Garnet (Gem), Graphite, Gypsum, Jasper, Kaolin, Kyanite, Lime Kankar, Limeshell, Limestone, Magnesite, Mica (Crude), Ochre, Phosphorite, Pyrites, Pyrophyllite, Quartz, Quartzite, Salt (Rock), Sand (others) Silica Sand, Sillimanite, Slate, Steatite, Vermiculite, Wollastonite, Diatome, Earth, Laterite, Shale and Perlite.

*State-wise Classification of Minerals are*: —

(i) *Andhra Pradesh* :

Apatite Asbestos Ball Clay, Barytes, Calcite, Chromite, Clay (Others), Coal Copper Ore, Corundum, Dolomite, Felspar, Fireclay, Fusch, Quartzite, Garnet (Abrasive), Gold, Graphite Iron Ore, Kaolin, Lead Conc., Lime Kankar, Limeshell, Limestone, Manganese Ore, Mica (Crude), Natural Gas, Ochre, Petroleum, Quartz, Sand (Others), Silica Sand, Slate, Steatite, Vermiculite, Silver, Laterite and Shale.

(ii) *Arunachal Pradesh* :

Lime Stone and Petroleum.

(iii) *Assam* :

Coal, Limestone, Natural Gas and Petroleum.

(iv) *Bihar* :

Barytes, Bauxite, Coal, Copper Ore, Dolomite, Felspar, Fireclay, Gold, Graphite Iron Ore, Kaolin, Kyanite, Limestone, Manganese Ore, Mica (Crude), Ochre, Pyrites, Quartz, Quartzite, Silica Sand and Steatite.

(v) *Goa* :

Bauxite, Iron Ore and Manganese Ore.

(vi) *Gujarat* :

Agate, Ball Clay, Calcareous Sand, Bauxite, Calcite and Chalk, Clay (Others), Dolomite, Felspar, Fireclay, Flourite (Graded), Gypsum, Kaolin, Lignite, Limestone, Natural Gas, Ochre, Petroleum,